

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 16017  
Application ID: 10064238  
Title of Invention: METHOD FOR HARDWARE  
REDUCTION IN ECHO CANCELLER  
AND NEAR-END CROSSTALK  
CANCELLER  
First Named Inventor: Claymens Lee  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-06-25  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 8868-US-PA  
Digital Certificate Holder: cn=Belinda Lee, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: GVI7bPDIwifvJt96C+cyog==  
Total Fees Authorized: \$410.0  
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Credit Card Number: \*\*\*\*\*3109  
Expiration Date: 04302003  
Card Holder Name: LEE, HUAI-LU  
RAM User ID: EFSPROD  
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10064238-062502

# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

8868-US-  
PA

Submission Type: Utility Patent  
Filing

## METHOD FOR HARDWARE REDUCTION IN ECHO CANCELLER AND NEAR-END CROSSTALK CANCELLER

First Named Inventor: Claymens Lee

### SUBMITTED BY

Name:	Dr. Belinda Lee
Registration Number:	46,863
Electronic Signature Mark: /Belinda Lee/	Date Signed: 20020625

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	8868declarationt1.tif
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Comments:

10064238-0644

## COMBINED DECLARATION AND POWER OF ATTORNEY

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name and that I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### METHOD FOR HARDWARE REDUCTION IN ECHO CANCELLER AND NEAR-END CROSSTALK CANCELLER

the specification of which

X is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_

as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Date Filed(yyyy/mm/dd)	Yes	No
91110099	Taiwan, R.O.C.	2002/5/15	X	

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

**Belinda Lee**

(Reg. No. 46,863)

**Marrina Mei**

(Reg. No. 44,935)

**Jiawei Huang**

(Reg. No. 43,330)

**Charles C.H. Wu**

(Reg. No. 39,081)

SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

(Name and telephone number)

JIANQ CHYUN Intellectual Property Office

7F.-1, No. 100, Roosevelt Rd., Sec. 2,

Taipei 100, Taiwan, R.O.C.

TEL: 886-2-2369 2800

FAX: 886-2-2369 7233

**Belinda Lee**

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

Signature: Claymens Lee Date: 2002/06/13  
Sole or First Joint Inventor: Claymens Lee

**Citizenship:** Taiwan, R.O.C.

**Residence and Post Office Address: No. 93, Hua-Hsing St., Fengshan, Kaohsiung Hsien, Taiwan, R.O.C.**

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Small Entity

Small Business Concern

**TOTAL FEES AUTHORIZED: \$ 410**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 3109  
Expiration Date: 20030430  
Authorized Name: LEE, HUAI-LU  
Billing Address: 99999

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	201	\$ 370

Subtotal For Basic Filing Fee: \$ 370

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 16	203	\$ 9	0	\$ 0
Independent Claims: 2	202	\$ 42	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

## ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40